422 ASHLEY RIVER BASIN

021720813 SAWMILL BRANCH NEAR SUMMERVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD. -- July 2001 to September 2001.

PERIOD OF DAILY RECORD. --

WATER TEMPERATURE: July 2001 to September 2001.

DISSOLVED OXYGEN: July 2001 to September 2001.

INSTRUMENTATION. -- Water-quality multiprobe and data collection platform.

REMARKS.--Temperature records rated fair. Dissolved oxygen records rated poor.

EXTREMES FOR PERIOD OF DAILY RECORD. --

WATER TEMPERATURE: Maximum, 29.5°C, Aug. 9, 2001; minimum, 17.5°C, Sep. 30, 2001.

DISSOLVED OXYGEN: Maximum, 9.2 mg/L, Aug. 7, 2001; minimum, 0.0 mg/L, Sep. 10, 2001.

EXTREMES FOR CURRENT YEAR. --

WATER TEMPERATURE: Maximum, 29.5°C, Aug. 9; minimum, 17.5°C, Sep. 30.

DISSOLVED OXYGEN: Maximum, 9.2 mg/L, Aug. 7; minimum, 0.0 mg/L, Sep. 10.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
		JUNE			JULY			AUGUST			SEPTEMBER		
1							27.0	24.5	25.5	27.0	25.5	26.0	
2							26.0	24.0	25.0	27.5	24.5	26.0	
3							26.5	24.0	25.5	25.0	24.0	24.5	
4							25.5	24.5	25.0	25.0	24.0	24.5	
5							26.5	24.5	25.5	25.5	24.5	25.0	
6							27.5	25.5	26.5	25.5	25.0	25.0	
7							28.5	26.0	27.5	25.0	24.0	24.5	
8							29.0	27.0	28.0	24.5	23.5	24.0	
9							29.5	27.5	28.0	25.0	24.0	24.5	
10							28.5	26.5	27.5	25.0	24.5	25.0	
11							29.0	26.5	28.0	25.0	24.5	25.0	
12							28.5	26.5	27.5	25.0	24.5	24.5	
13							28.5	26.5	27.5	24.5	23.5	24.0	
14							27.5	26.0	27.0	24.0	23.0	23.5	
15							26.0	25.5	26.0	23.0	20.5	21.5	
							20.0	25.5	20.0	23.0	20.5		
16							27.0	24.5	26.0	21.0	19.5	20.5	
17							28.0	25.5	26.5	21.0	19.5	20.5	
18							28.0	26.5	27.0	21.0	19.0	20.0	
19							26.5	25.0	25.5	21.5	19.5	20.5	
20							25.5	24.5	25.0	22.5	20.5	21.5	
21				26.0	24.5	25.0	25.0	24.5	24.5	24.0	22.0	23.0	
22				26.5	24.0	25.0	26.0	24.5	25.5	24.5	22.5	23.5	
23				27.0	25.0	26.0	26.0	24.5	25.0	25.0	23.5	24.0	
24				27.0	26.5	27.0	26.0	24.5	25.5	25.0	23.5	24.0	
25				27.0	26.5	26.5	26.5	24.5	25.5	24.0	22.5	23.5	
26				27.0	25.5	26.0	26.5	24.0	25.0	22.5	20.5	21.0	
27				26.0	25.0	25.5	27.0	24.0	25.5	21.0	19.5	20.5	
28				25.5	24.5	25.0	28.0	25.5	26.5	21.0	19.0	20.0	
29				26.0	24.5	25.0	28.0	26.0	27.0	19.5	18.5	19.0	
30				27.0	26.0	26.5	28.0	26.0	27.0	19.5	17.5	18.0	
31				27.0						19.5	17.5		
31				27.0	25.0	26.0	28.0	26.0	27.0				
MONTH				27.0	24.0	25.8	29.5	24.0	26.3	27.5	17.5	22.9	
YEAR	29.5	17.5	24.8										

ASHLEY RIVER BASIN 423

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OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
	JUNE			JULY			P	AUGUST			SEPTEMBER		
1 2 3 4							5.2 6.1 8.8 4.1	1.2 1.5 2.4 2.1	3.1 4.0 5.1 2.5	4.6 7.1 6.8 5.8	.8 1.3 1.2 3.1	2.4 3.6 3.2 4.2	
5							4.9	2.2	3.3	3.1	1.5	2.2	
6 7 8 9 10		 	 	 		 	8.4 9.2 6.4 5.6 2.6	2.5 .7 .9 1.0 .5	4.8 4.6 3.8 2.9 1.3	2.1 1.9 2.5 2.0 2.9	1.5 1.6 1.7 1.9	1.6 1.7 1.9 2.0 1.5	
11 12 13 14 15	 	 	 	 	 	 	3.0 2.1 2.3 3.6 .9	.3 .4 .5 .5	1.2 .9 1.1 1.1	1.7 1.8 1.0 1.1 3.5	.1 .2 .3 .4	.4 .7 .5 .6	
16 17 18 19 20	 	 	 	 		 	2.2 4.3 4.5 5.5	.7 .9 .9 1.5	1.3 2.3 2.0 2.6	3.7 3.8 5.5 6.1 7.4	1.1 .7 1.0 1.5 2.0	2.3 2.2 2.9 3.6 4.1	
21 22 23 24 25	 	 	 	7.1 6.1 1.3 1.7	1.4 1.1 .3 .4 .4	4.0 3.9 .5 .6	 		 	8.0 7.1 5.9 5.8 2.5	1.8 2.3 2.4 1.5	4.5 4.6 4.0 3.5 1.8	
26 27 28 29 30 31	 	 	 	4.8 2.2 4.4 2.4 2.7 3.6	.5 .2 .4 .7 .7	1.9 .9 2.2 1.4 1.3 2.1	6.2 4.8 4.3	 1.4 .9	 3.9 2.6 2.4	3.7 5.3 4.1 5.2 5.8	1.6 1.8 .6 1.6 2.7	2.4 3.0 2.7 3.5 4.1	
MONTH				7.1	. 2	1.8	9.2	.3	2.6	8.0	.0	2.6	
YEAR	9.2	.0	2.4										